**FRESHMAN BIOLOGY COURSE INFORMATION SHEET**

Signature School/Mrs. Hayden

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**COURSE OUTLINE (specifically designed to meet Indiana state standards)**

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| --- | --- | --- |
| **1st Semester** | **2nd Semester** | **Possibly some introduction to:** |
| Biology: Exploring Life 1 | The Control of Gene Expression | Reproductive System |
| The Chemical Basis of Life | DNA Technology and Genomics | The Nervous System |
| The Molecules of the Cell | Concepts of Evolution [unit 3] | Circulatory System |
| A Tour of the Cell | Evolution of Biological Diversity |  |
| The Working Cell | Ecology [Unit 7] |  |
| How Cells Harvest Chemical Energy | Unifying Concepts of Animal Structure and Function |  |
| The Cellular Basis of Reproduction | Control of the Internal Environment |  |
| Patterns of Inheritance | Chemical Regulations |  |
| Molecular Biology of The Gene | Bacteria/Viruses |  |
|  | The Immune System |  |

\*1st sem/2nd semester break may vary according to individual class progress.

**MATERIALS NEEDED FOR CLASS**

* Pencils (**No Pen Allowed on Quizzes and Tests**) Pens **must be used for lab reports** and may be use for notes in class.
* Textbook (Biology Concepts & Connections; Campell et al. )
* Three-ring notebook and notebook dividers
* Lined notebook paper (wide or college ruled)
* Willingness to learn

**CLASS NOTEBOOK (3-Ring Binder)**

Sections MUST be divided as follows (any deviation must be approved by Instructor):

1. Weekly Planner/Calendar
2. Notes

a) To be divided into chapters 1 - 10

1. Labs
2. Tests/Quizzes

Notebooks will still be collected and graded throughout the course of the year. This may include collection of assignments or notes, or collection of the entire notebook. This may be **unpredictable**, so **ALWAYS** bring your notebook with you and **ALWAYS** have it in order, ready for collection. The notebook contributes 5-15% of overall grade.

**POLICIES**

* **No late work** will be accepted except in the case of an EXCUSED absence from the day prior. An exception to this is lab reports. For every class period that work is turned in late, 10% will be deducted from the overall grade. When a student is absent, *it is the responsibility of the* ***student*** *to make up work and/or notes missed in class that day.*
* A student that misses a test, quiz, or lab may be required to make up the work **before or after school hours**.
* A make-up time for a missed test or lab should be scheduled with the teacher the **FIRST** day the student returns to school. (Do not wait until next class meeting.)

**HELPFUL HINT: The most important thing one may do to be successful in the class is to ATTEND class EVERY day.**

**GRADE BREAKDOWN**

Test 100 pts./test

Daily Assessment Quizzes (5 pts. each – up to 200 pts./semester)

Labs – Points will vary with lab activity (lab will account for approx. 25% of your grade)

Written Assignments

Note Book Checks & Day Planner checks (10pts/check)

**GRADING SCALE:**

* 1. A 80-89 B 70-79 C 60-69 D 59-0 F

**DAILY PROCEDURES**

All papers should be headed in the **RIGHT** TOP MARGIN. Failure to head paper properly could result in lack of credit for paper. It is very important that students keep papers neat and orderly in order for full credit. A strong recommendation is to skip spaces between problems.

**PARENT CONFERENCES**

A teacher/parent conference can be requested through the guidance office. However, for quick questions and concerns, please use my e-mail address or phone number (top). I prefer an e-mail with a number and time when I may call you. I can be contacted by phone at the times listed under “extra help/tutoring.”

**EXTRA HELP/TUTORING**

Extra help is often available after school. Students needing extra help should make arrangements with me during class or by e-mail.

**CLASS RULES**

1. Be Respectful: of others; of school property; of time provided; of your teacher
2. **No electronic devices.**
3. No cheating will be tolerated. Remember, test and quiz information is the property of the teacher. It should NOT be discussed among classes. Although it is sometimes helpful to work with other students, it is the responsibility of each student to complete his or her own homework and lab reports.

**THIS INFORMATION SHEET SHOULD BE THE FIRST PAGE OF YOUR BIOLOGY BINDER.**